

# Eastern Arizona Amateur Radio Society

EST. 1974

[www.eaars.com](http://www.eaars.com)

INC.

[facebook.com/groups/eaars](https://facebook.com/groups/eaars)

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



May, 2021

## JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



## EAARS Open Repeaters

PL 141.3 unless noted otherwise

Echolink: 614350 IRLP: 7787

**Heliograph Peak at Safford, AZ:**

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

**Jacks Peak at Silver City, NM:**

145.210 Linked

**West Peak at Ft Thomas, AZ:**

145.350 Access to link to network

**Pinal Peak at Globe, AZ:**

145.410 Linked

**South Mt at Alpine, AZ:**

145.270 Linked

**Caballo Mt at TorC, NM:**

145.470 Linked

**Greens Peak at Show Low, AZ**

146.700 Linked

**Little Florida at Deming, NM:**

147.060 Linked

**Mule Mt at Bisbee, AZ:**

147.080 Linked

**Mt Lemmon at Tucson, AZ**

147.160 Linked

**Guthrie Peak at Clifton, AZ:**

147.280 Linked

**Downtown at Tucson, AZ**

147.28 Output

146.26 Input, PL 127.3

# Gals on the Air!

EST. June 2015

Calling all Gals of any class ... Join us every Monday night for the  
**Gals Night Net @ 7:30 pm (AZ) on the EAARS system!**

[Facebook.com/groups/galsnightnet](https://www.facebook.com/groups/galsnightnet)

## Upcoming Events

*Would You like to see your event posted for the membership to see?  
Email your information to [emberfire@cox.net](mailto:emberfire@cox.net).*

### 2021

May 1 ..... CARA Swap meet  
Oct 30 ..... Tucson Alzheimer Walk  
Nov 20 ..... El Tour de Tucson

### WEEKLY EAARS' NETS

#### **Every day:**

Down Under Net - 4:15 am  
Weather Net - 5:30 am

All times are noted on Arizona  
time, as we do not change.

#### **Sunday:**

EAARS Net - 7:00 pm

#### **Monday:**

Gals Night Net - 7:30 pm

#### **Wednesday:**

Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,  
Off Season, every third Wednesday of month at 7:30 pm

#### **Saturday:**

ERC (Emergency Response Communications) Net - 7:45 am (8:45am DST)  
2nd Saturday of the month (20-25 min duration)

# EAARS Officers and Staff

## Board Officers

President	Dave Wells	N7AM
Vice President	Dan Quaintance	AF7EF
Secretary/Treasurer	Larry Griggs	N5BG

## Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

## Net Control Operators

Rick W8YBM	1st Sunday
Angie N7EMB	2nd-4th Sunday
Chris N7JND	3rd-5th Sunday

## ARRL RADIO CONTESTS

N/A

For details on all ARRL contests and for non-ARRL contests,  
visit <http://www.arrl.org/contest-calendar>

## New EAARS Members!

Mike	AE7OZ
Mark	W5MRK
Jim	KI5PLE
Hercel	KJ7WHS
Rebelle	KJ7WXV
Jeff	K7JZK
Judy	K7ASK



**In Memory of  
Walter "Walt" Lincoln Davidson  
KC7OMZ  
August 29, 1922 – April 2, 2021**



It's always sad to hear about the passing of an EAARS member. Walt was well known for being Net Control for the "Made It Through The Night Gang Weather Net" which meets every morning at 05:30 on the EAARS Repeater system. Walt spent many years calling this net which is now controlled by Steve – W7GSP. Walt enjoyed calling the net every morning and ALWAYS welcomed new checkins along with all the regulars he called every single morning. As quoted from his OBIT, "He was a pillar of the morning radio community and will be greatly missed by all of his radio pals."

Walt's full Obituary can be read at  
<https://www.messingermortuary.com/obituary/Walter-Davidson>

## Camp for Young Radio Amateurs in the Americas is a Go for this Summer

ARRL - 04/21/2021

The long-awaited inaugural Youth on the Air (YOTA) camp for young amateur radio operators in North, Central, and South America will go forward this July. The camp, set for July 11 – 16, will take place at the National Voice of America Museum of Broadcasting in West Chester Township, Ohio, north of Cincinnati. The camp had to be postponed in 2020 due to the coronavirus pandemic.



"The camp will comply with COVID-19 restrictions and guidelines as set by the state of Ohio and the Centers for Disease Control, such as requiring the use of masks, distancing, and sanitizing stations," said Camp Director Neil Rapp, WB9VPG. "Attendees may be asked to take a COVID-19 test and/or self-quarantine prior to arrival, depending on the guidelines in place in July. The entire staff of the camp are either fully vaccinated or will finish the vaccine series by the end of April. Most volunteers have also indicated that they are fully vaccinated." Rapp said some activities may need to be modified to work with COVID-19 precautions.

Rapp said that if the COVID-19 situation unexpectedly degrades in extreme fashion or the state declares that the camp is not safe to operate, the event will have to be postponed again, until 2022. "Due to the volatility of the public COVID-19 response, attendees are highly encouraged to avoid non-refundable tickets for transportation to Cincinnati," he advised.

Twenty-eight campers from the US, Canada, Mexico, and Iceland have already signed up for the 30 available positions, but Youth on the Air will continue to accept applications through June 1. Rapp said a waitlist will be set up, if needed.

It costs nothing to apply. The camp's cost of \$100 is not due until the applicant has been accepted. Should a potential camper not be able to afford the \$100 fee, he or she may apply for a scholarship. The Youth on the Air website has camp details.

This would mark the first camp ever for young radio amateurs in International Amateur Radio Union (IARU) Region 2. For additional information, contact Rapp.

The IARU Region 1 (Europe, Africa, the Mideast, and Northern Asia) Youth Working Group announced this week that its planned YOTA Summer Camp in Croatia had to be postponed again to 2022, due to the ongoing COVID-19 pandemic.

# Radio Amateur Helps Rescuers to Locate Lost Hiker

ARRL - 04/19/2021



The keen and practiced eye of ARRL member Ben Kuo, AI6YR, helped to guide rescuers to a hiker stranded on a mountainside on April 12. Hiker Rene Compean, 45, had spent the night in a remote region of the Angeles National Forest after getting in a tough spot. After a concerned friend reported Compean missing on Monday, the Los Angeles County Sheriff's Department dispatched search-and-rescue (SAR) teams. Although amateur radio played no direct role in the rescue, Kuo cited his enthusiasm for technology and ham radio satellites and for Summits on the Air (SOTA) for helping him to develop the skills he needed to guide searchers to the most appropriate area.

"This is actually very applicable to being a SOTA activator — map, navigation skills," Kuo told ARRL. "Also, understanding RF propagation was key to this. The SAR teams were searching the other side of the mountain, where there is no cell signal." Kuo knew that from having hiked there before. As Kuo described it, Compean was found between four SOTA peaks.

SAR teams were deployed in the Mount Waterman area of the San Gabriel Mountains to find the hiker. According to the LA Sheriff's Department, a low-flying helicopter team spotted him Tuesday afternoon between Triplet Rocks and the east bump of Twin Peaks in the San Gabriel Mountains, and he was airlifted to safety with no serious injuries. Kuo pointed the rescuers to the likely search area by matching satellite images with what Compean had transmitted over Twitter.

Kuo told the Los Angeles Times that he has an odd hobby of looking at photos and determining where they had been taken. He was able to employ his skill to determine the hiker's likely location using the tiny photo the hiker posted on Twitter that shows his legs and the valley below. As the newspaper reported on April 15, "When [Kuo] saw the photo posted by the Sheriff's Department, he set to work pulling publicly available satellite images and matching them to the vegetation and terrain below the hiker's legs."

Kuo's eye was good. He sent authorities the GPS coordinates of the most likely area, and the rescue team found Compean less than a mile from that location.

As the LA Times reported, the area where Compean was located on steep slopes and very difficult to access, requiring advanced climbing skills. The Sheriff's Department credited Kuo with saving them hours of fruitless searching. Kuo said this was the first time he'd been involved in a rescue like this one.

## **Listening To Ham Radio With Vintage Police Scanners**

These days, many of our police & fire departments along with many other services, have moved to a digital format. What we used to enjoy listening to on our old crystal scanners and early programmable scanners, has become a thing of the past. But have they really become obsolete???

As stated above, many services have gone to a digital format. But that does not mean these older scanners are totally useless and not quite ready for the vintage radio scrap yard. There is still plenty to listen to on these older scanners and they can be found pretty cheaply.

Most vintage programmable scanners have the ability to receive Ham Radio on the 2 Meter ham band along with the 70cm ham band. These older scanners can be placed in various parts of the home to monitor your favorite repeaters or simplex frequencies. I personally keep one in the back room, bedroom on the night stand and also here in the Ham Shack to let me keep an ear on various local repeaters while keeping my main radio tuned to EAARS.

These older scanners can be found pretty inexpensive on Ebay. So, if you want a cheap way to monitor many ham frequencies without using your HT or other fixed radio in the shack which you probably want to use that radio to monitor your main favorite repeater, look at some of these vintage scanners. Shop wisely of course to make sure it's fully functional.

## **House QRM? Check Your House Electrical Circuits...**

Do you suspect radio interference could be coming from circuits around your house? Not sure? A somewhat easy and effective troubleshooting practice is to run your radio on battery power (you do have emergency power - right?)

Turn off the electricity at the breaker panel and turn on only one circuit at a time to identify the source

of interference. It definitely helps to have a second person help you with this task if your rig is not near the breaker panel. When you identify a circuit as the culprit, then you'll need to unplug everything (yes, everything) on that circuit and plug only one back in at a time until you find the source of interference.

Don't stop at the first device! Keep testing every device because more than one could be causing your QRM. And don't stop at the first breaker for the same reason.

While you're doing all that work, you should probably map out your electrical circuits, if you haven't already.



## The Cochise Amateur Radio Association

2756 S Moson Rd, Sierra Vista, Arizona 85650

Presents The



### *Cochise Hamfest and 7<sup>th</sup> Area Phone/CW/Digital Communications Exercise*

Saturday, May 1st, 2021

**FREE PARKING AND ADMISSION: Hamfest Gate Opens at 0700**

**AMATEUR RADIO LICENSE TESTING: 0900 to 1100**

**PRIZE DRAWING @ 1200 NOON TALK IN: 146.76(-) PL 162.2**

**TAILGATING - \$5, INSIDE TABLES - \$10**



First Prize: Alinco, DX SR8T SDR HF transceiver

Second Prize: Yaesu FTM-7250DR Mobile dual band transceiver

Third Prize: Yaesu FT-70DR

Fourth Prize: Diamond X50A Dual Band Antenna

Local Sierra Vista Accommodations and Shopping within 15 minutes of Hamfest Site

**VISIT US ON THE WEB AT <http://www.k7rdg.org>**

For More Info Contact: KE0ABP Tom - [ke0abp@arrl.org](mailto:ke0abp@arrl.org)

**See You There!!!**



**Rise and Shine!!!  
with the  
Made it through the Night Gang Weather Net**

**0530 Mountain Standard Time Daily on the EAARS  
System**

**Weather and  
Conversation**

**Get a handle on the local weather from your fellow HAM operators  
around the EAARS coverage area and get to know them  
better.**

**KC7OMZ - Walt Emeritus Net  
Control**

**W7GSP - Steve Net  
Control**

**K1VM - Keith Weather  
Recorder**



***Everyone at EAARS, would like to wish all  
the moms out there,  
Happy Mother's Day!  
Hope you are treated like royalty!***



# Other Club Stuff

RST holds FREE VE testing on the following dates, 7:00 pm at Biscuits Country Cafe, 7026 E Broadway, Tucson.

<b>2021</b>	
May 10	July 12
June 14	Aug 9
	Sep 13
	Oct 11
	Nov 8
	Dec 13

Our club in no way competes with EAARS. In fact, many members of the new club are EAARS members as well. The Tortolita Radio Club has no dues, no rules, no monthly meetings, NEVER any repeaters. We focus on spreading the gospel of HF radio with monthly on-air operating events. We began in 2016 with National Parks on the Air and have continued until the virus interrupted, for a total of over 50 events. We have a website: [www.tortolita-rc.com](http://www.tortolita-rc.com) We have a groups-io email reflector. We have applied to ARRL for club affiliation. We have been issued a callsign by FCC (KJ7RCX) and have applied for vanity callsign KT7RC. We accept members regardless of affiliation with other clubs but we don't actively solicit new members since no money accrues to a club with no dues. We currently have 45 active members, and I stress ACTIVE members.

73 de W8TK  
Tom Kravec

**If you live in the Graham or Greenlee County and are interested in a VE Testing session, please feel free to contact the EAARS President, Dave Wells @ 928-965-8327.**

**Do you have any club news to share?  
It can be posted on this page.  
Send your info to Angie - [emberfire@cox.net](mailto:emberfire@cox.net).**

Cooking up  
Some Magic



# Herby Spring Chicken Pot Pie

## Ingredients

2 tbsp olive oil, plus a little extra for brushing over the pastry  
bunch spring onions, sliced into 3cm pieces  
250g frozen spinach  
6 ready-cooked chicken thighs (or see tip, below)  
350ml hot chicken stock  
½ tbsp wholegrain mustard  
200g frozen peas  
200ml half-fat crème fraîche  
½ small bunch tarragon, leaves finely chopped  
small bunch parsley, finely chopped  
270g pack filo pastry



Prep: 10 min  
Cook: 30 min  
serves: 4

## Directions

1. Heat oven to 200C/180C fan/gas 6. Heat the oil in a large, shallow casserole dish on a medium heat. Add the spring onions and fry for 3 mins, then stir through the frozen spinach and cook for 2 mins or until it's starting to wilt. Remove the skin from the chicken and discard. Shred the chicken off the bone and into the pan, and discard the bones. Stir through the stock and mustard. Bring to a simmer and cook, uncovered, for 5-10 mins.
2. Stir in the peas, crème fraîche and herbs, then remove from the heat. Scrunch the filo pastry sheets over the mixture, brush with a little oil and bake for 15-20 mins or until golden brown.

**kiss the  
cook**